



MINOS+ Status Report



Donatella Torretta
All Experimenters' Meetings
August 19, 2013



Near Detector



- Detector and Magnet **ON**
- Good Spares' status:
 - 4 VTMs
 - 4 Minders
 - Argonne has parts to build 10 more minders
 - One warm channel
 - Plan to replace it this week
 - Low rate Minders (0-20-1, 0-18-6)
 - Still investigating HV issues
 - will use better HV probe
 - more systematic approach
- Two new DCS computers
 - connected to PDU outlets
 - added to power up/down scripts



Far Detector



- Regular detector maintenance
- Fixed Hot channel in Crate 3
 - LI connector had a light leak
- Investigating Hot channel in Crate 6
 - No light leak but possible bad LI box timing
- DAQ crashed yesterday due to problems with ROP03
 - Replaced board with spare this morning
 - All OK now
- In good shape in general



ND DAQ



- DAQ running fine last week
- Found cause of DAQ problems (~10 days ago)
 - root account was not setup to run the startup scripts at reboot
 - some processes failed to startup properly (shared memory too small) causing the DAQ to crash
 - fixes
 - enabled root startup processes at reboot time
 - added check on shared memory size at startup time and resize it if necessary
- Three new (2013) DAQ servers have arrived
 - temporarily installed in closed Network Rack MND107
 - ORC scheduled for tomorrow morning
 - they will be moved to similar closed DAQ rack, on requisition for next FY
 - the intent is to keep dust off



MINOS+ Readiness



- Regular shifts are underway
- Working steadily to confirm the ability to take good data when beam arrives